Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 06 Jan 2023 until 23:59 on Saturday 07 Jan 2023

Forecast Issued on Friday 06 Jan 2023 at 03:56

Confidence: An unsettled few days, with strong winds and frontal rain or showers. Any wintry conditions only expected to affect the highest tops but often a significant windchill. Uncertainties around timings of frontal rain and amount of showers.

Headline for Friday 06 Jan 2023: Windy but some brighter spells, cloudy with rain later in the day.

Mountain weather hazards on Friday 06 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Heavy Rain
Precipitation probability					
10%	10%	10%	40%	30%	30%

Forecast for Friday 06 Jan 2023

Weather: Cloud thinning and breaking a little during the morning with a few bright or sunny spells, more so towards eastern areas with the west seeing some cloud. A few afternoon showers are possible and clouding over later with some rain possible during the evening. Windy throughout with gales on the higher tops so feeling cold with a slight wind chill.

Chance of cloud-free hill tops above 600m: 70% in the west increasing to 80% in the east then reducing to 40% later as evening rain spreads in.

Low Cloud and visibility: Patches or scattered low cloud above 500m early in the day especially towards western areas but plenty of cloud breaks further east with clear tops. Visibility will generally be good below any cloud with views possible but tending to turn a bit hazier as it gets cloudier later. Cloud thickening around the tops later in the afternoon and evening as rain approaches.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 06 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/39 SW	31/43 SW	25/35 SW	21/30 SW	19/28 S	22/32 S	28/39 S
300	18/37 SW	18/37 W	15/32 SW	12/27 SW	10/24 S	14/30 S	17/36 S
Valley	14/33 SW	11/27 SW	11/26 SW	10/24 SW	10/25 S	13/31 S	15/34 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	3/-4	4/-2	4/-1	4/-1	5/-0	7/2
300	5/0	5/0	6/2	7/3	6/2	7/3	9/5
Valley	6/3	6/3	8/5	8/5	8/5	9/6	10/7
Freezing Level*	1000m	900m	1100m	1200m	1200m	1700m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A windy day with summit gales possible in the morning and evening, a significant windchill in the morning with freezing level just above the highest summits, however milder air arriving by evening time.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 06 Jan 2023	8.6mm	21.2mm	40.2mm

Forecast for Saturday 07 Jan 2023

Weather: Rain overnight will turn heavier for a time in the morning before clearing east. It may stay rather cloudy for a time after that but should turn brighter in the afternoon. Although a few blustery showers may affect the area too.

Maximum wind: South 25 mph with gusts 35-40 increasing 45mph later.

Chance of cloud-free hill tops above 600m: 30% improving to 70% by late morning but deteriorating to 60% in showers.

Low Cloud and visibility: Low cloud quite extensive to start the day with broken layers above 400m, in addition visibility at lower levels will be moderate or poor. Cloud gradually lifting and breaking by lunchtime with mostly clear tops for a time and good visibility, although patchy low cloud may linger around westernmost hill tops. Cloud lowering in any showers, becoming scattered from 600m for a time and visibility becoming poor.

Temperature: **Valleys:** Plus 10 falling to 7 Celsius.
At 600m: Plus 6 falling to 2 Celsius.
Freezing level: Above the summits, lowering to 800m later.

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